

01-14-04

19

Docket No. 011361.00064



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** Shen et al.

**Assignee:** Atwood Mobile Products, Inc.

**U.S. Patent No.:** 5,573,648

**Date Issued:** November 12, 1996

**Application No.:** 381,718

**Date Filed:** January 31, 1995

**Reissue Application No.:** 10/621,999 **Reissue Filing Date:** July 17, 2003

**Title:** GAS SENSOR BASED ON PROTONIC CONDUCTIVE MEMBRANES

MAIL STOP REISSUE  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicants herewith submit the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

**REMARKS**

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the Filing Date or before the mailing date of the First Office Action on the merits; or
- ☐ (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and the requisite Certification or fee under Rule 1.17(p) is included herein; or
- ☐ (3) after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee, and the requisite Certification, petition, and petition fee are included herein.

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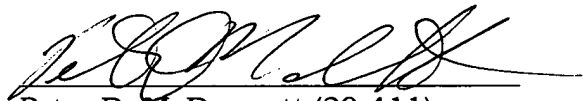
It is respectfully requested that each of the documents shown on the attached form(s) PTO-1449 be made of record in this application. Copies of these documents (CHECK ONE):

X are enclosed herewith; or  
— are in the file of related application Serial No. 00/000,000, filed \_\_\_\_\_, and are thus not being resubmitted herein.

**FEE AUTHORIZATION**

The Commissioner is hereby authorized to charge any fee associated with this document to **Deposit Account No. 19-0733**. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,



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Date:

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. 011361.00064)**

**Patentee:** Shen et al.

**Assignee:** Atwood Mobile Products, Inc.

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Mail Stop Reissue  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF EXPRESS MAIL FOR REISSUE APPLICATION**

Dear Sir:

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I hereby state that the following:

- (1) Supplemental Information Disclosure Statement (2 pgs);
- (2) PTO 1449 Form (1 pg);
- (3) Citations (7 total);
- (4) Return-Receipt Postcard; and
- (5) This Certificate of Express Mail for Reissue Application

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Mail Stop Reissue, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Elaine Fabrizio

Signature of person mailing paper r fee

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USPTO Form 1449		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. <b>011361.00064</b>		Serial No. Reissue of 5,573,648		
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black; border-radius: 50%; text-align: center; line-height: 100px; font-size: 24px; font-weight: bold;"> INFORMATION DISCLOSURE CITATION Sheet 1 of 1 </div> <div style="position: absolute; top: 10%; left: 10%; font-size: 12px; transform: rotate(-45deg);"> JAN 13 2004 PATENT &amp; TRADEMARK OFFICE </div> </div>				Applicants: <b>Shen et al.</b>				
				Issue Date: <b>November 12, 1996</b>				Group:
U.S. PATENT DOCUMENTS								
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	
FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
		EP0 637 851 A1	Jun. 30, 1994	EPO				
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)								
		"Humidity Dependence of Carbon Monoxide Oxidation Rate in a Nafion-Based Electrochemical Cell," Lee et al., Technical Papers, Solid-State Science and Technology, J. Electrochem. Soc., Vol. 142, No. 1, January 1995; pgs. 157-160						
		"Recent Developments in Electrochemical Solid Polymer Electrolyte Sensor Cells for Measuring Carbon Monoxide and Oxides of Nitrogen," La Conti et al., Chemical Hazards in the Workplace: Measurement and Control, ACS Symposium, series 149, 1981; pgs. 551-573						
		"Effects of Surface Roughening of Nafion <sup>®</sup> on Electrode Plating, Mechanical Strength, and Cell Performances for SPE Water Electrolysis," Sakai et al., J. Electrochem. Soc., 137:3777-3783, 1990						
		"Chemical Sensing with Solid State Devices," Madou and Morrison, Academic Press, Inc., pgs. 448-459, 1989						
		"Fuel Cell Systems," Edited by Blomen and Mugerwa, Plenum Press, Srinivasan et al., pgs. 48-52 and 63-67, 1993.						
		Notice of Opposition in European Patent No. 762117B, including Opponent's statement of grounds (entitled "Reasons") (18 pages total)						
EXAMINER						DATE CONSIDERED		
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. **Copies of references not provided at the time of this submission.</small>								

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